

Converting Colors

`RYB(226, 199, 228)`

Have a look what the booklet for
RYB(226, 199, 228) contains.

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Color

R_YB(226, 199, 228)

Conversions

Conversions Part 1

Format	Color
Hex	E2C7E4
RGB	226, 199, 228
RGB Percent	89%, 78%, 89%
CMY	0.1137, 0.2196, 0.1059
CMYK	0.01, 0.13, 0.00, 0.11
HSL	296°, 35%, 84%
HSV	296°, 13%, 89%
XYZ	65.7910, 62.6170, 82.0175
YIQ	210.3790, 6.7830, 14.7430

Conversions

Conversions Part 2

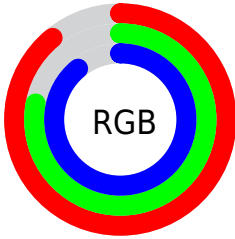
Format	Color
R _Y B	226, 199, 228
Decimal	14862308
CIE Lab	83.24, 14.54, -10.87
CIE LCh	83, 18.151, 323.207
Yxy	62.6170, 0.3127, 0.2976
Android (android.graphics.Color)	4293052388 (0xFFE2C7E4)
YUV	210.3790, 8.6872, 13.6996
Hunter-Lab	79.1309, 9.9294, -6.0612

Details

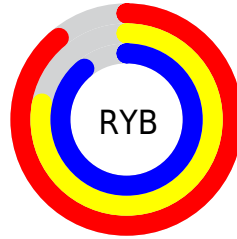
The RYB color `226, 199, 228` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `199, 228, 226`, and the grayscale version is `210, 210, 210`.

A 20% lighter version of the original color is `255, 255, 255`, and `171, 145, 173` is the 20% darker color. If you saturate the color by 10%, you get `224, 176, 228`, and if you desaturate by 10%, it is `228, 222, 228`.

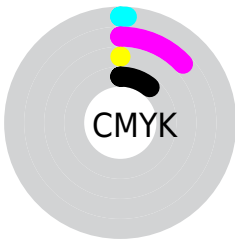
Distribution



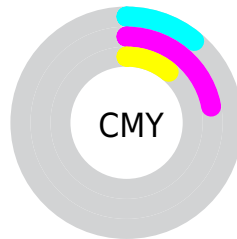
- Red (89%)
- Green (78%)
- Blue (89%)



- Red (89%)
- Yellow (78%)
- Blue (89%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 199, 228 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 226, 199, 228 by changing the saturation by 10% instead.

■ 226, 199, 228

255, 255, 255

■ 226, 199, 228

■ 198, 172, 200

■ 171, 145, 173

■ 144, 119, 146

■ 118, 94, 120

■ 93, 71, 95

■ 69, 48, 72

■ 47, 27, 49

■ 27, 2, 29

■ 0, 0, 0

226, 199, 228

226, 199, 228

224, 176, 228

228, 222, 228

223, 153, 228

228, 245, 244

221, 131, 228

228, 255, 252

220, 108, 228

228, 255, 251

218, 85, 228

228, 255, 249

217, 62, 228

228, 255, 248

215, 39, 228

228, 255, 246

213, 17, 228

228, 255, 244

212, 0, 228

228, 255, 243

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206, 204, 239



226, 199, 228



240, 196, 212

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 199, 228



207, 225, 174



163, 191, 220

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



226, 199, 228



199, 228, 226

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



171, 198, 217



226, 199, 228



176, 210, 179

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226, 199, 228



238, 210, 181



187, 215, 215



167, 195, 234

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226, 199, 228



243, 196, 200



187, 215, 215



164, 191, 217

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



226, 199, 228



254, 245, 255



199, 201, 228



127, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 199, 228



252, 217, 255



228, 199, 216



114, 103, 115



166, 0, 179



47, 0, 51

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



228, 199, 201



255, 217, 219



199, 220, 228



115, 103, 104



179, 0, 12



51, 0, 4

Previews

White Background



This preview shows how the RYB color 226, 199, 228 looks on a white background.

Color Contrast Check

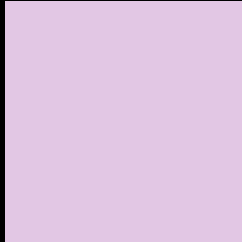
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 226, 199, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

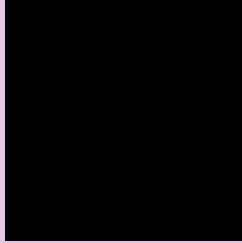
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 226, 199, 228 Background



This preview shows how black text looks on a background with the RYB color 226, 199, 228.



This preview shows how white text looks on a background with the RYB color 226, 199, 228.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
226, 199, 228

Protanopia
204, 206, 232

Deuteranopia
218, 202, 227



Tritanopia
224, 201, 217

Trichromacy



Original Color
226, 199, 228

Protanomaly
212, 203, 231

Deuteranomaly
221, 201, 227

Tritanomaly
225, 200, 221

Monochromacy



Original Color
226, 199, 228

Achromatopsia
210, 210, 210

Achromatomaly
216, 206, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 199, 228 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(226, 199, 228) looks like.

```
.text, #text, p{  
    color:rgb(226, 199, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 199, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 199, 228) }
```

Border

The CSS property to change the border of an element to RYB 226, 199, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 199, 228) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 199, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 199, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 199, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 199, 228); box-shadow:4px 4px 4px 4px rgb(226, 199, 228) }
```

Background

The CSS property to change the background color of an element to RGB 226, 199, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 199, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
199, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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